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### Faculty Achievements, October 2017 Report

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## Faculty Achievements, October 2017 Report

### OFFICE OF ACADEMIC AFFAIRS

**WENDY R. SHERMAN HECKLER**, Interim Provost and Vice President for Academic Affairs/Professor, Department of Education

#### *Presentations and Posters*

Sormani, P., Kreplak, Y., Albert, S., Ivarsson, J., Koschmann, T., Lynch, M., Sherman Heckler, W., and Velkovska, J. (2017, July).

*Performing the Purdue Symposium "for another first time."* Panel session at the 13<sup>th</sup> Conference of the International Institute for Ethnomethodology and Conversation Analysis (IEMCA), Westerville, OH.

#### *Service/Leadership in the Profession*

Served as Co-Chair of the Planning Committee for the 13<sup>th</sup> Conference of the International Institute for Ethnomethodology and Conversation Analysis (IEMCA), Westerville, OH, July 10-13, 2017.

### DEPARTMENT OF ART

**NICHOLAS A. HILL**, Professor

#### *Artistic Exhibits and Performances*

"Passers-By," Casaplan Cultural Center, Valparaíso, Chile, a solo exhibition of approximately fifty portrait prints, July 2017.

Exhibited work in an exhibition at the Museo Nacional de Bellas Artes in Santiago, Chile. The exhibition was entitled "Taller 99/60 años, Encuentros en dialogo," July 2017.

Exhibited an intaglio print in a group exhibition at the Utah Art Center, Salt Lake City, UT, June 2017.

#### *Community Outreach/Service Learning*

Gallery workshop for high school students, Casaplan Cultural Center, Valparaíso, Chile, July 2017.

Presenter for prospective art students and their parents and teachers at a special program entitled "3 Paths to an Art Degree," Hilliard Darby High School. Representatives from CCAD and Miami University also presented, September 2017.

#### *Honors and Awards*

Awarded a prestigious fellowship from the John Simon Guggenheim Memorial Foundation. The Foundation awarded a total of 173 Guggenheim Fellowships to a diverse group of scholars, artists and scientists to comprise the class of 2017. Appointed on the basis of prior achievement and exceptional promise, the successful candidates were chosen from a group of approximately 3,000 applicants in the Foundations 93<sup>rd</sup> competition. Recipients represent forty-nine scholarly disciplines and artistic fields, sixty-four academic institutions, twenty-seven states and Canada. The Guggenheim Fellowship will enable Hill to continue his studio research in India and England.

One of five North American artists invited to create an edition of prints in celebration of the sixtieth anniversary of the founding of Taller 99, Chile's premier printmaking studio in Santiago. Ninety-four Latin American printmakers created editions as well.

#### *Presentations and Posters*

Gallery Talk in conjunction with solo exhibition, Casaplan Cultural Center, Valparaíso, Chile, July 2017.

#### *Service/Leadership in the Profession*

Studio Art Reader, Advanced Placement National Portfolio Review, Salt Lake City, UT, June 2017.

**JONATHAN D. JOHNSON**, Associate Professor

#### *Artistic Exhibits and Performances*

KMH Stockholm (Stockholm, Sweden): "Fuse," collaboration between the Royal College of Music in Stockholm (KMH) and Ättiksfabriken Art Space.

Haverhill Experimental Film Festival (Haverhill, MA).

International Short Film Festival Kolkata (Kolkata, India).

DER NEUE HEIMATFILM (Linz, Austria).

Phoenix Center for the Arts (Phoenix, AZ): "Rural Route."

## DEPARTMENT OF BIOLOGY AND EARTH SCIENCE

**ELIZABETH V. BERKELEY**, Assistant Professor  
*Books, Book Chapters, and Journal Articles (peer reviewed)*

Sarmah, J., Hazarika, C.R., Berkeley, E.V., Ganswindt, S., and A. Ganswindt. Non-invasive assessment of adrenocortical function as a measure of stress in the endangered Golden Langur. *Zoo Biology*. 2017; 36:278-283. Article featured on the cover of the *Zoo Biology* July/August 2017 issue. <https://doi.org/10.1002/zoo.21369>

### *Presentations and Posters*

Berkeley, E.V., Ganswindt, S., Ganswindt, A. Validating New Methods for Quantifying Cellular Metabolism and Glycemic Response in African Elephants. Presented the results of summer research on African elephants at Disney's Animal Kingdom. International Society for Wildlife Endocrinology, Orlando, FL, August 2017.

**ANNA M. YOUNG**, Associate Professor  
*Presentations and Posters*

Young, A.M., D. Galbraith, J. Carstens, J. Stiles and K. Wimberger. 2017. Evidence for vocal dialects in the endangered Cape parrot. Poster. The Animal Behavior Society Annual Conference. Toronto, Ontario, June 12-16, 2017.

Young, A.M., D. Galbraith, J. Carstens, J. Stiles and K. Wimberger. 2017. Evidence for vocal dialects in the endangered Cape parrot. Poster. Annual Association of Zoos and Aquarium Conference, Indianapolis, IN, September 10-13, 2017.

Chudo, T., Ayala, J., Rong, H., and Young, A. 2017. Sibling Rivalry: A comparison of Giant Panda (*Ailuropoda melanoleuca*). Poster. Annual Association of Zoos and Aquarium Conference, Indianapolis, IN, September 10-13, 2017.

Galbraith, D., J. Stiles, K. Ferguson and A. Young. 2017. Tank utilization of the Southern Stingray and the Cownose Ray. Poster. Annual Association of Zoos and Aquarium

Conference, Indianapolis, IN, September 10-13, 2017.

*Service/Leadership in the Profession*  
Appointed to the Field Conservation Committee of the Association of Zoos and Aquariums.

## DEPARTMENT OF BUSINESS, ACCOUNTING AND ECONOMICS

**HYUK KIM**, Assistant Professor  
*Books, Book Chapters, and Journal Articles (peer reviewed)*

"Emerging Market Multinationals: The New Model of Internationalization of Firms." *Journal of Research in Business and Management*, Vol. 5 (4), 23-31. July 2017.

**MICHAEL A. LEVIN**, Associate Professor  
*Community Outreach/Service Learning*  
Facilitated a training workshop for A-B InBev, one of the largest companies in the world. A simulation was used to teach managers from the Latin American South zone about the relationship between marketing decisions and the associated impact on financial performance. May 9-11, 2017.

### *Presentations and Posters*

Watkins, Jacob, and Michael A. Levin (2017), "Household Life Cycle as a Segmenting Approach for Major Professional Sport Teams," Marketing Management Association Spring Educators' Conference, Chicago, IL. Paper presentation by J. Watkins as part of his distinction project.

**YIYUAN LIU**, Assistant Professor  
*Books, Book Chapters, and Journal Articles (peer reviewed)*

"How Deal Sites Go Social? An Empirical Study on Website Factors and Price Promotions." *Entrepreneurship, Organizational Change and Employment Management* (Editors: Shuming Zhao, Stephen Nicholas, Chunlin Liu, Xiaolin Xu, Yina Mao), ISBN: 978730518666-0, sponsored by NSF China, Nanjing University Press, 76-89.

### *Honors and Awards*

Best paper, 9<sup>th</sup> International Symposium on Multinational Business Management, Nanjing, China, "How Deal Sites Go Social? An Empirical Study on Website Factors and Price Promotions," Yiyuan Liu and Wanxi Li (2017).

### *Presentations and Posters*

Liu, Yiyuan and Sanjoy Ghose (2017), "A Smaller Price Variation on the Internet? - An Analysis of Online and Offline Price Dispersions." Conference presentation and proceeding, 5<sup>th</sup> International Conference on Marketing and Business Development, Bucharest-Romania, June 15-17, 2017.

Liu, Yiyuan and Wanxi Li (2017), "How Deal Sites Go Social? An Empirical Study on Website Factors and Price Promotions," presentation at the 9<sup>th</sup> International Symposium on Multinational Business Management - Entrepreneurship, Organizational Change and Employment Management, Nanjing, China.

**SHIRINE L. MAFI**, Professor

*Books, Book Chapters, and Journal Articles (peer reviewed)*

Huber, M., and Mafi, S. (2017), "Using the 'What we are Best at' Group Intervention to Build High Performance Work Cultures." In Koonce, R., Robinson, P., and Vogel, B. Eds., *Developing Leaders for Positive Organizing: A 21<sup>st</sup> Century Repertoire for Leading in Extraordinary Times*. Boston, MA: Emerald Publishing Limited.

**MARIA F. TARBELL**, Part-Time Faculty,  
Department of Business, Accounting and Economics and University Programs

*Service/Leadership in the Profession*

Board Member and Assistant Secretary, Ohio Living Foundation, Columbus, OH.

Chair, Planning/Communications Committee, Ohio Living Foundation, Columbus, OH.

Facilitator (online), American Society for Association Executives - The Center for Association Leadership, Washington, DC.

Regional Representative, Johns Hopkins University Alumni Association, Baltimore, MD.

### **CENTER FOR TEACHING AND LEARNING**

**KATHRYN M. PLANK**, Interim Associate Vice President for Academic Affairs and Dean of University Programs/Director, Center for Teaching and Learning/Associate Professor, Department of Education

*Books, Book Chapters, and Journal Articles (peer reviewed)*

Johnson, T. A., Holt, S. A., Sanders, M., Bernhagen, L., Plank, K., Rohdieck, S. V., and Kalish, A. (2017). Metacognition by design: How a course design experience can increase metacognition in faculty. *To Improve the Academy*, 36: 117-127.

### *Presentations and Posters*

Plank, K. M. (2017). Assessment 101: Demystifying concepts and best practices. Session at Enhancing the Learning Experience Symposium, College of Food, Agricultural, and Environmental Sciences, The Ohio State University. Columbus, OH, August 15.

Plank, K. M. (2017). Designing for Team Teaching: Workshop for College of Pharmacy, Marshall University. Huntington, WV, July 31.

### **DEPARTMENT OF CHEMISTRY**

**JOAN M. ESSON**, Associate Professor

*Presentations and Posters*

Wendel, P., Esson, J., Young, A., Plank, K. A Systematic Approach to Laboratory Analysis and Modification: A Path to Reform (three paper set). OH-PKAL Annual Conference, Findlay, OH, May 2017.

Lathrop, K., Quinn, H., Hess, N., Esson, J., Svitana, K., Hoggarth, M. An analysis of sediment associated with mussels (Family Unionidae) in lower Big Walnut Creek. 126<sup>th</sup> meeting of the Ohio Academy of Science, University of Cincinnati, April 8, 2017.

Isaac, L., Grote, R., Esson, J. Otterbein University Student Chapter. 253<sup>rd</sup> American Chemical Society National Meeting, San Francisco, CA, April 1-6, 2017.

Norris, C., Esson J. Development of a paper-based analytical device for heparin. 253<sup>rd</sup> American Chemical Society National Meeting, San Francisco, CA, April 1-6, 2017.

Quinn, H., Esson, J. Determination of metal concentrations in sediments of Big Walnut Creek. 253<sup>rd</sup> American Chemical Society National Meeting, San Francisco, CA, April 1-6, 2017.

#### DEPARTMENT OF COMMUNICATION

**JEAN P. KELLY**, Associate Professor  
*Books, Book Chapters, and Journal Articles (peer reviewed)*

Kelly, Jean P. 2017. "My Daily Breadlessness," Sick Pilgrim, online at:  
<http://www.patheos.com/blogs/sickpilgrim/2017/08/daily-bread-lessness-celiac-sufferers-prayerbook/>

Kelly, Jean P. 2016. "Unexpected Women: Sr. Simone Campbell," U.S. Catholic Online, <https://uscatholic.atavist.com/unexpectedwomen#chapter-1817982>.

Kelly, Jean P. In press (April 2017). "Finding Faith in Communion Not Received," U.S. Catholic Magazine.

Kelly, Jean P., Scheckelhoff, C., and Smith, J. June 2017. "I Teach, Therefore iPad: Improving Asynchronous Learning through Formative Assessment," in *Unplugging the Classroom*, P. Sharma and H. Wilder, eds. Elsevier.

**SUSAN P. MILLSAP**, Professor  
*Sabbatical Outcomes*

Co-authored and published a workbook for teachers to increase engagement in their classroom as a result of a Spring 2017 sabbatical. The workbook is now available on Amazon.com: *Dramatic Impact: Exercises to Energize Teaching Techniques* by Susan Millsap and Candace Darman, ISBN 9781548066284.

#### COURTRIGHT MEMORIAL LIBRARY

**PAUL ALLEN REICHERT**, Professor  
*Presentations and Posters*

Reichert, Allen. Finding the Local: Researching Communities for Service Learning Projects. Paper. Colloquium on Libraries and Service-Learning, Santa Clara, CA, August 2017.  
*Service/Leadership in the Profession*  
Completed 3<sup>rd</sup> year as chair of OhioLINK User Services Committee.

#### DEPARTMENT OF EDUCATION

**DIANE A. ROSS**, Professor  
*Community Outreach/Service Learning*

Service learning trip to Uganda conducted in summer 2017 for three months. One month of the trip had a team of three Otterbein alumni, one parent of an alum, and one Otterbein Early Childhood student. While in Uganda the team distributed 700 sanitary pads to young adolescent girls and built seven Menstrual Hygiene Hubs to ensure safe use of these pads. The team participated in twelve school and community Menstrual Hygiene Management/Sexual Reproductive Health workshops. The team also upgraded two libraries that had been built by previous teams.

*External Grants and Fellowships-Primary Investigator*

Fulbright Flex Research Grant to continue work in Uganda. The purpose of the grant is to increase the retention of young adolescent girls in schools in West Nile Uganda through Menstrual Hygiene Management, Sexual Reproductive Health Education, and through empowerment through personal narrative writing. Trained teachers in month-long training in January and May of 2017 and worked with sixty girls in three different schools on writing personal narratives about their lives to encourage personal empowerment in July 2017.

*Service/Leadership in the Profession*

Completed two year term of national officers for the Collegiate Middle Level Association along with middle level teacher candidates. Program reviewer for the Association of Middle Level Education special professional association teacher education program reviews.

**PAUL J. WENDEL**, Associate Professor

*Presentations and Posters*

Wendel, P. J., Young, A. M., Esson, J. M., Plank, K. M. (2017, May 20). Three-Paper Set: 1) A study of laboratory manuals: Indications of instructional style and inquiry level; 2) A study of laboratory goals; 3) A study of laboratory redesign. Presentations at Ohio Project Kaleidoscope (OH-PKAL) Annual Meeting, Findlay, OH.

*Service/Leadership in the Profession*

President of Ohio Project Kaleidoscope, 2017-18. Ohio Project Kaleidoscope is an organization of postsecondary professors focused on the improvement of STEM (science, technology, engineering, and mathematics) teaching.

**DEPARTMENT OF ENGINEERING**

**MICHAEL W. HUDOBA**, Assistant Professor

*Books, Book Chapters, and Journal Articles (peer reviewed)*

Dynamic DNA Origami Device for Measuring Compressive Depletion Forces, Michael W. Hudoba, Yi Luo, Angelita Zacharias, Michael G. Poirier, and Carlos E. Castro. ACS Nano 2017 11 (7), 6566-6573. DOI: 10.1021/acsnano.6b07097

*Grant Participant*

Received \$25,000 grant from Battelle in collaboration between the Columbus Boys and Girls Club and Otterbein SWE (Society of Women Engineers) chapter for a DIY STEM program.

*Presentations and Posters*

Invited speaker to the 2016 Nanoworld Conference in Boston, MA in April 2017. The presentation was titled "A Dynamic DNA

Origami Device for Measuring Compressive Depletion Forces."

**DEPARTMENT OF ENGLISH**

**BETH RIGEL DAUGHERTY**, Professor

*Books, Book Chapters, and Journal Articles (peer reviewed)*

"Virginia Stephen's Uneasy Heritage: Lessons, Readers, and Class." *Virginia Woolf and Heritage: Selected Papers of the 26th Annual International Conference on Virginia Woolf*. Eds. Jane de Gay, Tom Breckin, and Anne Reus. Clemson, SC: Clemson UP, 2017. 30-35. Print.

*Presentations and Posters*

"'They pelt me now': Virginia Stephen's Development of an Independent Voice." *Virginia Woolf and the World of Books: the 27<sup>th</sup> Annual International Conference on Virginia Woolf*. University of Reading, UK. 30 June 2017. Address.

*Service/Leadership in the Profession*

Peer reviewer for *InSight: A Journal of Scholarly Teaching, Woolf Studies Annual*, and *Literature and History*.

Manuscript reviewer for University of Florida Press.

**PATRICIA A. FRICK**, Professor

*Presentations and Posters*

Presented an invited paper at the joint conference of the North American Victorian Studies Association (NAVSA) and the Australasian Victorian Studies Association (AVSA) at Villa La Pietra, Florence, Italy (May 17-20, 2017). The paper, "Homeland Insecurities: Wilkie Collins' Italy and The Role of Cultural Outsiders," was part of a special seminar hosted by Dr. Ruth Livesey, Royal Holloway, University of London.

Organized and chaired a panel as part of the NAVSA/AVSA conference on "The Afterlives of Sherlock Holmes," which examined the many contemporary cultural and literary reworkings of Arthur Conan Doyle's detective. The panel included scholars from

Croatia, England, South Africa, and the United States.

**JAMES F. GORMAN**, Professor  
*Books, Book Chapters, and Journal Articles (peer reviewed)*

"The Page and What's Not On It: Michael Martone Winking," *Midwestern Miscellany*, XLV (Spring 2017), 30-41.

**MARGARET M. KOEHLER**, Professor  
*Presentations and Posters*

"Swift the Scriblerian," paper presentation at the Jonathan Swift 350 Conference at Trinity College, Dublin, Ireland. June 2017.

#### DEPARTMENT OF EQUINE SCIENCE

**STEFFANIE V. BURK**, Assistant Professor  
*Books, Book Chapters, and Journal Articles (peer reviewed)*

Keating, D., Lehman, J., and S. Burk. Cross-sectional analysis of salivary cortisol and strongyle-type egg shedding levels in horses. *Journal of Equine Veterinary Science*. 52: 51-52.

Kmietsch, J., Samuels, S., Lehman, J., and S. Burk. The effects of benzyl isothiocyanate and papain on cyathostome egg hatching. *Journal of Equine Veterinary Science*. 52: 42-43.

Lowe, S., Burk, S., and S. Birmingham. The effect of whole body vibration on equine hoof growth. *Journal of Equine Veterinary Science*. 52: 41.

#### *Presentations and Posters*

Three Equine Pre-Veterinary Medicine/Pre-Graduate Studies majors (Danielle Keating, Jessie Kmietsch, and Sharlee Lowe) presented their research at the Equine Science Society Symposium in Minneapolis, MN, May 30 - June 2, 2017.

#### DEPARTMENT OF HEALTH AND SPORT SCIENCES

**PAUL D. LONGENECKER**, Senior Instructor  
*Community Outreach/Service Learning*  
Coordinator/Faculty for "American Summer Leadership Institute in Hungary," a joint project between Otterbein University and Lourdes University (Sylvania, OH). Institute held in Szeged and Mako, Hungary from June 23 - July 8. The project involved two MSAH graduate students and the team developed curriculum for the institute.

#### *Presentations and Posters*

Plenary Speaker, "Ethics and Mortality: Evaluation of its Impact on Patient Care," Ethics in the Healthcare Setting: Ethics Expo, McAllen Medical Center, McAllen, TX, October 7, 2017.

Presenter, "Maximizing Ethical Practices in the IDT," NHPCO 2017 Interdisciplinary Conference, San Diego, CA, September 19, 2017.

Presenter, "Evidence Based Practice in Hospice and Palliative Care: A Leadership Perspective," National Hospice and Palliative Care Organization 32<sup>nd</sup> Management and Leadership Conference, Washington, DC, May 3, 2017.

#### *Service/Leadership in the Profession*

*The Patient Experience Journal*, Reviewer.

The Association of University Programs of Health Administration, Member.

American College of Healthcare Executives, Faculty Associate Member.

*Journal of Healthcare Management*, Reviewer.

National Hospice and Palliative Care

Organization, Ethics Committee, Member.

National Council of Hospice Professionals, Education/Research/Academic Section, Steering Committee.

National Hospice and Palliative Care

Organization, Work Group for Management Development Program Ethics Course Revision.

**KRISTY L. MCCRAY**, Assistant Professor

*Honors and Awards*

Otterbein New Teacher of the Year, April 2017.

*Presentations and Posters*

McCray, K. L., Taylor, E., and Fuller, R. (2017, June). Building diversity through research, service, advising, and teaching: A workshop sponsored by the NASSM Diversity Committee. Workshop facilitated at the North American Society of Sport Management Conference, Denver, CO.

McCray, K. (2017, June). Race to the Jobs: Teaching about privilege in sports. Poster presented at the North American Society for Sport Management Conference Teaching and Learning Fair, Denver, CO.

Invited speaker, June 2017. Why Athletics? The Intersection of Title IX and Sexual Assault in College Sports. KINES 380: Colloquium on Title IX @ 45: Beyond Participation. Saint Mary's College of California, Moraga, CA.

*Service/Leadership in the Profession*

Co-Chair, Diversity Committee. North American Society for Sport Management, June 2017-present.

**ERICA VAN DOP**, Instructor

*Presentations and Posters*

Van Dop, E., Petosa, R., and Laurent, D. (2017, June). Research Poster: The Effectiveness of Self-Regulation on Physical Activity Behavior in a Worksite Wellness Program. National Wellness Conference, St. Paul, MN.

*Service/Leadership in the Profession*

National Exercise Trainer's Association Group Fitness Certification Host, Otterbein University, April 2017.

National Exercise Trainer's Association, Subject Matter Expert, Group Exercise Instructor Exam Item Review Panel, 2016-Current.

Otterbein Student Research Fund Committee Member, Fall 2016-Current.

Classics Eagles Soccer Team Administrator, Fall 2017.

**DEPARTMENT OF MATHEMATICAL SCIENCES**

**WILLIAM V. HARPER**, Professor

*Books, Book Chapters, and Journal Articles (peer reviewed)*

Kowalski, Angel, Jason Land, William V. Harper, "Enhanced Corrosion Management Analysis of Pipelines," National Association of Corrosion Engineers, NACE 2017 C2017-9729.

Harper, William V., "Finite Population Agresti-Coull based Binomial Confidence Intervals and Excel VBA Function," Proceedings of the Joint Statistical Meetings (JSM2017 - Section on Physical and Engineering Sciences), August 2017.

Hatter-Fisher, Denise, and William Harper.

2017. "The Relevance of Depression, Alexithymia and Internalized Racism to Blood Pressure in African Americans." *The International Journal of Health, Wellness, and Society* 7 (1): 49-60. doi:10.18848/2156-8960/CGP/v07i01/49-60.

Braun, Robert E., Kaylee Cialella, Shelley Payne, William V. Harper, and Joan Rocks, "The Perceptions of NSAID Use among One Midwestern DIII Athletic Department," *Journal of Sport Behavior*, Vol. 40 (1), March 2017.

**MATTHEW J. McMULLEN**, Senior Instructor

*Books, Book Chapters, and Journal Articles (peer reviewed)*

Problem 1325 in the Fall 2016 issue of the "Pi Mu Epsilon Journal."

*Sabbatical Outcomes*

Created new guidelines for teachers of MATH 1240 (Statistics I) at Otterbein during Spring 2017 sabbatical.

**DEPARTMENT OF MUSIC**

**MARLA A. BUTKE**, Part-Time Faculty and Director of Women's Chorale

*Presentations and Posters*

Presented at the National Association for Music Educators Division Conference, the American Choral Directors Association National



Conference, and the American Orff-Schulwerk Association National Conference as well as at the University of Hawaii, University of Texas at San Antonio, Ashland University, Cincinnati Conservatory of Music, Xavier University, and Anderson University. Presenter at state music education conferences in Indiana, Pennsylvania, Kentucky, Nevada, Florida, and Ohio.

*Publications and Essays (non-peer reviewed)*

"Meaningful Movement: A Music Teacher's Guide to Dalcroze Eurhythmics," book co-authored by Butke and Dr. David Frego was recently released by Music is Elementary Publications. Dr. Butke is a national presenter of Dalcroze Eurhythmics, a movement-based music education approach.

*Service/Leadership in the Profession*

Vice-president of the American Eurhythmics Society, a national organization for the promotion of movement-based music education. Dr. Butke was one of the founding members of the board. Membership Chair for the Ohio Choral Directors Association.

**DENNIS F. DAVENPORT, Professor**

*Artistic Exhibits and Performances*

Performed as pianist for the Otterbein Summer Theatre production of *My Fair Lady*. Served as music director and pianist for the Otterbein Summer Theatre production of *They're Playing Our Song*.

**JENNIFER MERKOWITZ, Associate Professor**

*Honors and Awards*

In residence at the Virginia Center for the Creative Arts in Amherst, VA, July 13-17, completing her commission from the Ohio Music Teachers Association: a piece for viola and piano titled "The Best of Both Worlds," which will be premiered at the OMTA conference on October 13 by Otterbein faculty members Steve Wedell and Suzanne Newcomb.

**GAYLE A. WALKER, Professor**

*Artistic Exhibits and Performances*

Guest Conductor, Ohio Choral Directors Association Honor Choir, June 2017. Conducted the Alumni Choir and Concert Choir in the Homecoming Music Celebration, September 2017.

*Community Outreach/Service Learning*

Guest Clinician, Westerville North High School, April 2017.

Conducted the Otterbein Music Summer Camp Choir, grades 9-12, June 2017.

Member of the WCUCC adult choir.

*Publications and Essays (non-peer reviewed)*

"It's the Muple - No, It's the People!" Article published in *Resound*, 40 no. 3, 2017.

*Service/Leadership in the Profession*

President, American Choral Directors Association Central Division.

Conducted Opus One at Baccalaureate, Otterbein University, May 2017.

Conducted Opus One at Welcome Ceremony, Otterbein University, August 2017.

Faculty Advisor to the Otterbein Summer Chorale, Spring and Summer 2017.

Co-coordinator, planner of the Alumni Choir, organized in Spring 2017 through Fall 2017.

Conducted five choirs at Football Homecoming pre-game show, September 2017.

Host and Graduate Credit Coordinator of the OCDA 2017 Summer Conference.

**DEPARTMENT OF NURSING**

**KAY A. BALL, Professor**

*Presentations and Posters*

Ball, K. (2017, March 22). Perioperative Nursing in Ohio (Nurses Day at the Statehouse). Ohio Nurses Association, Columbus, OH.

Ball, K. (2017, April 2). Status of AORN and Expo (Mobile Instruments sales force and staff). Mobile Instruments booth at AORN Expo, Boston, MA.

Ball, K. (2017, July 11). Hazards of Surgical Smoke. Ethicon webinar. Cincinnati, OH.

Ball, K. (2017, July 20). Hazards of Surgical Smoke. Ethicon dinner meeting. Denver, CO.

## Faculty Achievements, October 2017 Report

Ball, K. (2017, July 24). Hazards of Surgical Smoke. AORN e-chapter webinar. Lewis Center, OH.

Ball, K. (2017, August 2). Lasers in Healthcare. Nurse Anesthetists. Grant Medical Center, Columbus, OH.

### *Service/Leadership in the Profession*

Delegate to Association of periOperative Registered Nurses Expo, Boston, MA. March 31 - April 6, 2017.

Participated in Nurse Lobby Day at Statehouse, Columbus, OH. May 24, 2017.

Host of Worthington High School Class Reunion, Columbus, OH. June 3, 2017.

**SAMANTHA J. BOCH**, Assistant Professor

### *Completion of Doctoral Degrees*

May 2017 from The Ohio State University. Boch, S. (2017). Urban Youth Exposed to Parental Incarceration: the Biosocial Linkages in an Understudied Adverse Childhood Exposure. (Electronic Thesis or Dissertation). Retrieved from <https://etd.ohiolink.edu/>.

### *Honors and Awards*

Honorable Mention for the conceptualization of MyFamilyNurse, an online marketplace to connect families to nurses via telehealth. GiveBackHack Social Enterprise Startup Competition Weekend, Columbus, OH, April 2017.

### *Presentations and Posters*

Gilbert, E., Calder, K., Boch, S., and Ford, J. Modeling Hair Cortisol as a Biomarker of Chronic Stress. Undergraduate Research Poster Forum, The Ohio State University, Columbus, OH, September 2017.

**JOHN D. CHOVAN**, Associate Professor

### *Honors and Awards*

Guardian Angel Award, Mount Carmel Health System. July 2017. The Guardian Angel Award is given when a patient or family member of a patient makes a donation in honor of a Mount Carmel Associate. Dr. John Chovan was so honored by a patient with a donation to the Associate Education Fund. Dr. Chovan is a Nurse Practitioner with the Mount Carmel Hospice and Palliative Care Service.

**JACQUELINE J. HAVERKAMP**, Associate Professor  
*Presentations and Posters*

Selected podium presenter for the "Leadership in Higher Education" conference, October 19-21, 2017 in Baltimore, MD. Presented, "A Map for Accreditation Success." Preparing for an accreditation site visit requires multi-year planning and an extensive team effort to ensure that a program is successful in meeting all accreditation standards. Knowing that ongoing assessment is key for accreditation success, and knowing there is a dearth of literature with specific directions on how to develop structures and processes that allow for continual evaluation and improvement, we will provide leaders of higher education with a map for accreditation success.

## DEPARTMENT OF PHYSICS

**DAVID G. ROBERTSON**, Professor

### *Books, Book Chapters, and Journal Articles (peer reviewed)*

"The Inclusion of Two-Loop SUSYQCD Corrections to Gluino and Squark Pole Masses in the Minimal and Next-to-Minimal Supersymmetric Standard Model: SOFTSUSY3.7" (with B. C. Allanach, S. P. Martin and R. Ruiz de Austri), Comput. Phys. Comm. 219, 339 (2017).

## DEPARTMENT OF SOCIOLOGY, CRIMINOLOGY AND JUSTICE STUDIES

**CARLA R. CORROTO**, Associate Professor

### *Presentations and Posters*

"You are the Problem: The Challenge of Public Sociology in a 'Feminist' Context." Presented at the Midwest Sociological Society Annual Meeting. Milwaukee, WI.

### *Service/Leadership in the Profession*

Elected to a three-year term on the Board of Directors for the Commission on the Accreditation of Programs in Applied and Clinical Sociology.

## Faculty Achievements, October 2017 Report

### DEPARTMENT OF THEATRE AND DANCE

**CHRISTINA M. KIRK**, Professor

*Artistic Exhibits and Performances*

Actress, *Moving Words*, Columbus Dance

Theatre, April 2017.

**MELISSA J. LUSHER**, Associate Professor

*Artistic Exhibits and Performances*

Dialect Coach (High British, Cockney,

Hungarian), *My Fair Lady*, directed by Lenny

Leibowitz, Otterbein Summer Theatre, May

2017.

Director, *They're Playing Our Song*, Otterbein

Summer Theatre, July 2017.

Director, *Rumors*, Otterbein Theatre,

September 2017.

### EXTERNAL GRANT AWARDS – OFFICE OF GRANTS AND SPONSORED PROGRAMS

Otterbein faculty and administrators have received one grant since the last update. During fiscal year 2018, one proposal received \$22,500 in awards. Ranging widely from research to academic studies to community education, these grants support the mission of Otterbein, enhance faculty achievement and student learning, and strengthen social justice in the central Ohio community.

**MICHAEL HOGGARTH**, Professor, Biology and Earth  
Science

Ohio Department of Natural Resources, *Mussel  
Survey for ODNR* (\$22,500)

All native mussels are protected in the State of Ohio, as are ten federally listed species that live in the state. For the duration of this grant, Dr. Hoggarth and his team of divers will conduct a baseline survey of the mussel population in a specific region of the Portage River, beginning in the 3,400 foot long and 70-foot wide Portage River Fishing Access boating channel and concluding where it joins the main channel of the Portage River. If impacts on the mussels and their habitat cannot be avoided, a detailed survey of the mussel streams and potential habitats must be completed before stream disturbance or relocation is considered. If mussels are found, Dr. Hoggarth and his team will also relocate them.